

WEST Search History

DATE: Friday, November 01, 2002

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=ADJ

L8	11 same (ping\$ or seek\$ or pause or play)	14	L8
L7	13 same (ping\$ or seek\$ or pause)	0	L7
L6	14 or 15	10	L6
L5	13 and 12	7	L5
L4	L3[ti,ab]	4	L4
L3	11 same stream\$	67	L3
L2	(709/236 OR 709/232 OR 709/231 OR 709/230).CCLS.	1445	L2
L1	(packet near2 (number or amount or aggregat\$ or group\$ or combin\$)) same (qos or (quality near servic\$) or scal\$ or adapt\$)	684	L1

END OF SEARCH HISTORY

WEST

End of Result Set



Generate Collection

Print

L6: Entry 10 of 10

File: USPT

Jun 16, 1998

DOCUMENT-IDENTIFIER: US 5768527 A

TITLE: Device, system and method of real-time multimedia streaming

Detailed Description Text (16):

According to the retransmission protocol of the present invention, the QoS manager (208) uses the predetermined importance of the lost packet and the remaining number of retransmission attempts for the packet to determine how many copies of retransmission to request for the lost packet, or whether to send a retransmission request at all. In addition, the QoS manager (208) may also send rate control messages to the remote server to facilitate the requested retransmission. The streaming rate and the number of copies of retransmission are chosen in such a way that the overall bitrate at the server does not exceed the predetermined bandwidth budget G.

Detailed Description Text (41):

FIG. 5, numeral 500, is a block diagram of one embodiment of a one-way realtime multimedia streaming system in accordance with the present invention. The system includes a multimedia server (502), a packet network (504), and a multimedia client (506). The client (506) is the same as that shown in FIG. 3, i.e., includes a packet buffer (302), a packet processor (304), a QoS manager (306) and a robust multimedia player (308), and operates in the manner described above. The server (502) consists of: a rate scaler (508), a packetizer (510), a packet buffer (512), a packet transmitter (514), and a feedback message processor (516). The feedback message processor (516) is operably coupled to receive feedback messages sent by the client (506) and is utilized to decode the received messages. If the received message is a retransmission request message, then the identity of the requested packet and the number of copies for retransmission are passed to the packet transmitter (514), which will fetch the requested packet from the packet buffer (512) and transmits the requested number of copies of the packet to the network. If the received message is a rate control message, then the received message is forwarded to the rate scaler (508).

Current US Original Classification (1):709/231Current US Cross Reference Classification (5):709/230